The processor base unit provides the electrical connections between the T9110 processor modules, and the rest of the controller modules and has the following connections:

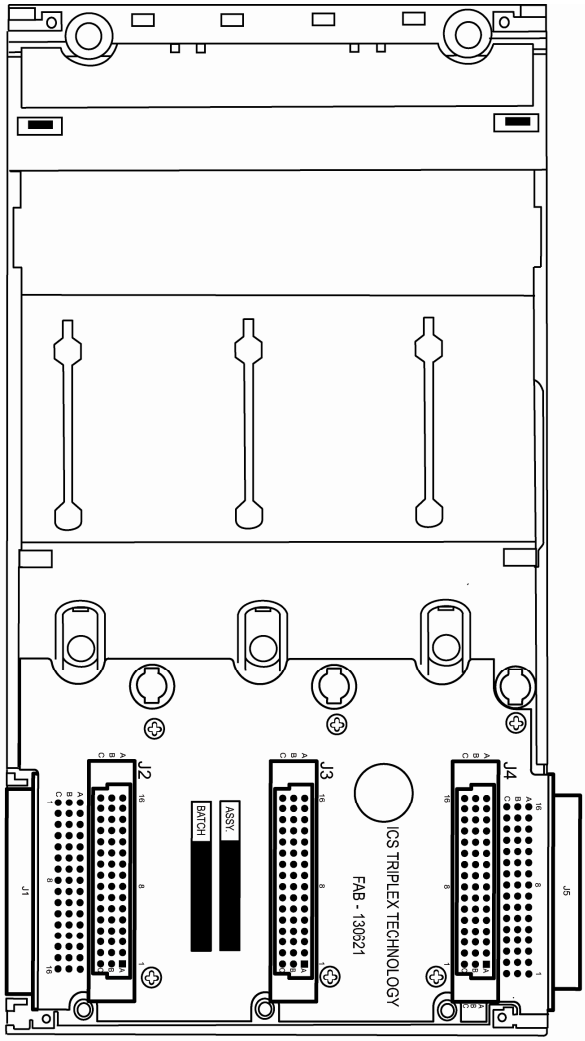
- Command and response bus connections for up to 48 I/O modules
- Inter-processor links
- Two Ethernet 100 BaseT connectors per processor
- Two serial data connections per processor
- Dual +24v System power
- Ground stud
- Program enable key

The processor base unit holds the IP address of each processor module separately in a BUSP. This means that you can remove a defective processor module and install a new one without needing to set up the IP address of the new module.

T9300 I/O Base Unit (3 way)

The AADvance controller has T9300 I/O base units for the I/O modules. An I/O base unit supports up to three I/O modules (of any type), and their associated termination assemblies.

It contains a passive backplane that provides the electrical connections between the I/O modules and the T9100 processor base unit; i.e. the command and response buses and the system power.



The bus and power connections from the processor base unit enter the backplane at the left connector and are routed direct to the module connectors. The backplane provides a connector at the right for the next I/O backplane. The connection to the left of the backplane can connect to a processor base unit or another I/O base unit.

Adjacent base units clip together and are held in position by a plastic retaining clip. Alternatively rows of I/O base units can be connected together using a T9310 expansion cable assembly.